Application Serial No.: 10/623,402 Inventor(s): Michael R. SCHWARZ et al.

Attorney Docket No.: CS-7890

## **AMENDMENTS TO CLAIMS**

Please replace the claims with the following claim listing:

Claims 1-22 (Canceled)

- 23. (New) A method of minimizing injury to corn caused by an herbicide treatment of the corn, comprising
  - (a) applying to the seed of the corn a seed treatment comprising one or more chloronicotinyl insecticides

and

(b) applying subsequently to the corn, its locus, or combinations thereof, a herbicide selected from the group consisting of chloroacetamides, imidazolinones, oxyacetamides, sulfonylureas, triazines, triketones, isoxazoles, and combinations thereof,

wherein said insecticide operates to reduce or eliminate injury to the corn that would have otherwise occurred when the corn or its locus was subsequently treated with the herbicide.

24. (New) The method according to claim 23, wherein the chloronicotinyl insecticide is selected from the group consisting of

$$CI \longrightarrow CH_2 - N \longrightarrow NH$$
 $NO_2$ 
 $CI \longrightarrow CH_2 - N \longrightarrow NH_2$ 
 $N - NO_2$ 

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$$CI \longrightarrow CH_2 - N \longrightarrow S$$

$$N \longrightarrow CH_2 - N \longrightarrow N$$

$$NO_2$$

$$CI \longrightarrow CH_2 - N \longrightarrow N$$

$$N \longrightarrow CH_2 - N \longrightarrow N$$

$$N \longrightarrow NO_2$$

$$N \longrightarrow CH_2 - N \longrightarrow N$$

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$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} NH \qquad CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N(CH_{3})_{2}$$

$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} NH \qquad CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N(CH_{3})_{2}$$

$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-H \qquad CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-H \qquad N-NO_{2}$$

$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-CH_{3} \qquad CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-CH_{3} \qquad N-NO_{2}$$

$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-CH_{3} \qquad CI \xrightarrow{N} N-CH_{3} \qquad N-NO_{2}$$

$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-CH_{3} \qquad CI \xrightarrow{N} N-CH_{3} \qquad N-NO_{2}$$

$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-CH_{3} \qquad CI \xrightarrow{N} N-CH_{3} \qquad N-NO_{2}$$

$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-CH_{3} \qquad CI \xrightarrow{N} N-CH_{3} \qquad N-NO_{2}$$

$$CI \xrightarrow{N} = CH_{2} \xrightarrow{N} N-CH_{3} \qquad CI \xrightarrow{N} N-CH_{3} \qquad N-NO_{2}$$

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$$S = NH$$

$$CH = NO_{2}$$

$$H_{3}C = S$$

$$N = NH$$

$$CH = NO_{2}$$

$$CH_{2} - N = NH$$

$$CH = NO_{2}$$

$$CH_{2} - N = NH$$

$$CH = NO_{2}$$

$$CH_{2} - N = NH$$

$$CH_{3} = NO_{2}$$

$$Ti435$$

$$CH_{2} - NH$$

$$N = NO_{2}$$

$$CH_{3} = NH$$

$$NO_{2}$$

$$CH_{3} = NH$$

$$NO_{2} = CH_{3} = NH$$

$$NO_{3} = CH_{3} = NH$$

$$NO_{4} = NH$$

$$NO_{5} = CH_{5} = NH$$

$$NO_{5} = CH_$$

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and

- 25. (New) The method according to claim 23, wherein the herbicide treatment is applied as a pre-emergent treatment.
- 26. (New) The method according to claim 25, wherein the herbicide treatment is applied at least one day after the insecticide treatment.
- 27. (New) The method according to claim 23, wherein the herbicide treatment is applied as a post-emergent treatment.
- 28. (New) The method according to claim 27, wherein the herbicide treatment is applied between a 2- and 5- leaf stage.
- 29. (New) The method according to claim 27, wherein the herbicide treatment is applied at least three days after the insecticide treatment.
- 30. (New) The method according to claim 23, wherein the chloronicotinyl insecticide is applied to the seed at a rate of from 0.05 mg/seed to 3 mg/seed, and

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wherein the soil temperature at the locus of the corn at or before the time of application of the herbicide is from about 4°C to about 25°C.

- 31. (New) The method according Claim 23, wherein the herbicide is applied to the soil at the locus of the corn.
- 32. (New) The method according to Claim 23, wherein the herbicide is applied to the foliage of the corn.
- 33. (New) The method according to Claim 23, wherein the seed treatment consists essentially of one or more chloronicotinyl insecticides.
- 34. (New) The method according to Claim 23, wherein the chloronicotinyl insecticide is imidacloprid.
- 35. (New) The method according to Claim 23, wherein the chloronicotinyl insecticide is clothianidin.
- 36. (New) The method according to Claim 23, wherein the chloronicotinyl insecticide is thiomethoxam.
- 37. (New) The method according to Claim 23, wherein the herbicide is flufenacet, foramsulfuron, mesotrione, metribuzin, isoxaflutole, iodosulfuron, nicosulfuron, rimsulfuron, atrazine, or combinations thereof.